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6 SEM TDC SOC M 2

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(May)

SOCIOLOGY

(Major)

Course : 602

(Science, Technology and Society)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Choose the correct answer from the following : 1×8=8
- (a) Who wrote the book, *History of Science*?
- (i) Berger P.
- (ii) Bernal J. D.
- (iii) Merton R. K.
- (iv) Dampiere W. J.

(b) Which one of the following is not mentioned by Lewis Mumford as a stage of technological development?

- (i) Eotechnic stage
- (ii) Paleotechnic stage
- (iii) Nanotechnic stage
- (iv) Neotechnic stage

(c) "Knowledge is power." It is the statement of

- (i) Sir Francis Bacon
- (ii) Aristotle
- (iii) Hornell Hart
- (iv) Plato

(d) 'Euclid' was a famous

- (i) mathematician
- (ii) physician
- (iii) astronomist
- (iv) geologist

(e) 'RAM' of a computer is the device of

- (i) input
- (ii) output
- (iii) storage
- (iv) None of the above

(f) According to Hornell Hart, 'impact of technology on social change' is mostly related to

- (i) economy
- (ii) culture
- (iii) environment
- (iv) biotechnics

(g) What is 'Internet'?

- (i) Internet is a single network
- (ii) Internet is a vast collection of different networks
- (iii) Internet is interconnection of LAN
- (iv) None of the above

(h) The technology of using hand tools to cultivate plants is called

- (i) pastoralism
- (ii) horticulture
- (iii) agriculture
- (iv) industrialism

2. Write on any *four* of the following (within 150 words each) : 4×4=16

- (a) Concept of applied science
- (b) The ethos of science
- (c) Meaning of empiricism

- (d) Impact of technology on agriculture in Assam
- (e) Technology and social networking
- (f) Application of technology in education

3. Answer any *four* questions from the following
(within 500 words each) : 14×4=56

- (a) What is science? Write a note on social understanding of science. 4+10=14
- (b) What do you mean by philosophy of technology? How can technology control the society? Discuss. 4+10=14
- (c) Write a note on Lewis Mumford's interpretation of periodic development of technology. 14
- (d) Critically discuss the impact of technology on political system in India. 14
- (e) What is computer? Discuss the impact of computer on everyday life of individuals in the society. 4+10=14
- (f) Briefly discuss the views of Karl Marx about technology and its application in production system. 14
